

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: )  
Libutti et al. ) Art Unit: 1632  
Application No. 10/510,652 ) Examiner: Singh, Anoop Kumar  
Filing Date: October 28, 2004 ) Confirmation No. 4377  
For: QUANTITATIVE ASSAY OF THE ) NOT ENTERED  
ANGIOGENIC AND ANTIANGIOGENIC ) /AKS/ 1/8/2008  
ACTIVITY OF A TEST MOLECULE )

DECLARATION OF FRANK CUTTITTA UNDER 37 C.F.R. § 1.132

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

NEEDLE & ROSENBERG, P.C.  
Customer Number 36339

Sir:

I, Frank Cuttitta, hereby declare that:

1. I am a permanent intramural scientist at National Institutes of Health, and hold a Ph.D. in Immunology/Biochemistry from the University of Maryland. I have over thirty-seven years experience in the biological sciences with the U.S. Federal Government, with an emphasis on immunology and peptide chemistry, and over twenty-seven years experience in the study of peptide growth factors. This includes specific experience with biomediators that drive neovascularization events in the normal and disease setting. I am the Director of the Angiogenesis Core Facility at the National Cancer Institute. A partial curriculum vitae is attached to this declaration.

2. I have reviewed the specification of the above-identified application. Briefly, Dr. Libutti has provided a modified CAM assay for measuring the angiogenic or antiangiogenic activity of a sample. This method involves directly injecting the sample and a fluorescent-labeled